

CLAIM SET AS AMENDED

1. (~~currently amended~~) A radio ~~Radio~~ device ~~(1) on which a plurality of transmitting and receiving functions can be adjusted over a remote control interface (2), for transmitting and receiving information in a complex wireless transmission system, in particular by shortwave, characterized in that the radio device comprising:~~

AI [[the]] an integrated remote control interface (2) ~~of the radio device (1) that~~ is connected by a wireless link ~~(3) directly to a mobile remote control device (4) by~~ through which [[the]] operating functions of the radio device ~~[(1)]~~ can be remotely controlled ~~[[,]]~~ and through which [[the]] operating states of the radio device ~~[(1)]~~ can be remotely monitored,

wherein the integrated remote control interface transmits the operating states and additional data to the mobile remote control device and receives the operating functions and the additional data from the mobile remote control device, and

~~a device (5) for input and output of the information to be transmitted with the radio device (1) is provided on the remote control device (4);~~

[[and]] wherein the wireless link ~~[(3)]~~ has additional protective measures to ensure error-free transmission of the operating functions, the operating states, and the additional data information.

2. (~~currently~~ amended) The radio device according to claim 1, ~~characterized in that~~ wherein the wireless link ~~[[3]]~~ has channel coding that is suitable for error-free transmission.

3. (~~currently~~ amended) The radio device according to claim 1, ~~characterized in that~~ wherein transmission of the operating function data and information data on the wireless link (3) takes place according to a transmission protocol that provides data security.

A 4. (~~currently~~ amended) The radio device according to claim 1, ~~characterized in that~~ wherein the operating functions, the operating states, function data and information the additional data, which are transmitted via ~~on~~ the wireless link, ~~(3) is~~ are encoded to prevent interception.

0 5. (~~currently~~ amended) The radio device according to claim 1, wherein the radio device is connected by a cable ~~[[7]]~~ to a stationary or semi-mobile remote control device that includes ~~[[6]] and having~~ a second remote control interface ~~[[2]]~~, and ~~characterized in that~~

wherein the mobile remote control device ~~[[4]]~~ is connected by a wireless link ~~[[3]]~~ to the second remote control ~~this~~ interface ~~[[2]]~~ of the stationary or semi-mobile remote control

device for transmitting and receiving (6), ~~and a device (5) for input and output of the information to be transmitted is also provided on the mobile remote control device (4).~~

6. (currently amended) The radio device according to claim 1, ~~characterized in that~~ wherein the mobile remote control device [[4]] is designed as a battery-powered hand-held device, which permits free mobility of the user.

7. (new) A mobile remote control device comprising:

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a receiver for receiving at least an operating state data via a direct secured wireless link from a remote device for monitoring an operating state of the remote device;

a transmitter for transmitting at least operating data and user data via the direct secured wireless link to the remote device, the operating data providing for remote control of the remote device;

a display for displaying at least the operating state of the remote device; and

an operating field for enabling a user to enter the operating data for remote control of the remote device.

8. (new) The mobile remote control device according to claim 7, further comprising an information interface for providing the

transmitter with the user data.

9. (new) The mobile remote control device according to claim 7, wherein the user data is speech data or digital data.

10. (new) The mobile remote control device according to claim 7, wherein the direct secured wireless link is shortwave or infrared.

11. (new) The mobile remote control device according to claim 7, wherein the mobile remote control device and the remote device encode the operating state data, the operating data, and the user data prior to transmission by an encoder.

12. (new) The mobile remote control device according to claim 7, wherein the mobile remote control device is handheld.

13. (new) The mobile remote control device according to claim 7, wherein the remote device transmits via the direct secured wireless link additional user data to the mobile remote control device.

14. (new) A communication system comprising:

a mobile remote control device having a transmitter and receiver; and

a remote device for transmitting and receiving to the mobile

remote control device via a direct secured wireless link,

wherein the mobile remote control device receives operating state data indicating an operating state of the remote device and transmits operating data and user data via the direct secured wireless link to the remote device, the operating data enabling remote control of the remote device, and

AI wherein the remote device transmits additional user data and the operating state data to the mobile remote control device, the operating state data providing information for monitoring an operating state of the remote device.

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